



Raindrops to Rivers

Professional Development & Instructional Resources
for K-12 Teachers

Raindrops to Rivers is a new CD-ROM and DVD resource containing both an electronic field trip and supporting professional development resources to help teachers in grades 2 through 12 introduce concepts involving watersheds, water pollution, non point source pollution, and common cures for everyday sources of water pollution.

**Premiering in November
on KET ED!**

Electronic Field Trip to a Watershed

Take a virtual field trip to Kentucky's urban and rural settings; mountains, rivers, streams, and wetlands; and karst and sinkholes to learn about watersheds, areas of land that catch rain and snow and drain into common waterways. Large watersheds are made up of many smaller watersheds, as demonstrated in an animation showing how all Kentucky rivers flow into larger and larger basins before draining into the Mississippi River and ultimately, the Gulf of Mexico. Students learn about the most common forms of non-source water pollution and what individuals, families, and communities can do to prevent it.

The first of the two 15-minute programs is targeted to grades 3-5 and the second to grades 6-8. The programs will be broadcast on KET ED and videostreamed on KET EncycloMedia.

KET ED Broadcast Schedule: *Both programs airing in a 30-minute block on the following days...*

Monday, November 3 at 11:30/10:30 am CT and at 3:30/2:30 pm CT

Friday, November 7 at 3:30/2:30 pm CT

Wednesday, November 12 at 5:30/4:30 am CT

Tuesday, November 18 at 3:30/2:30 pm CT

Thursday, November 20 at 12:30 pm/11:30 am CT

Thursday, November 27 at 5:30/4:30 am CT

Raindrops to Rivers: Professional Development for K-12 Teachers

Presented on a CD-ROM and the web, *Raindrops to Rivers* supports the content presented in the *Electronic Field Trip to a Watershed* with models of exemplary instruction. Teachers from classrooms throughout Kentucky illustrate scientific study as well as awareness and prevention of non point source water pollution. The teachers and students appearing in the videos are engaged in authentic activities, in both indoor and outdoor classrooms and at streams, creeks, and other watersheds. In addition to presenting engaging science lessons, the resource features collaborations between science and other content areas.

The CD-ROMs will be distributed in the fall to Kentucky science teachers, and the same content can be accessed online at www.raindropstorivers.org.



**Professional
Development
Resources**

www.ket.org/profdev

